

**Amendments**

**In the Claims:**

Please substitute the following claim 90 for the pending claim 90:

**G<sup>1</sup>**  
90. (amended) An isolated protein comprising an amino acid sequence at least 95% identical to amino acids 2 to 311 in SEQ ID NO:4, wherein said protein has lactose binding activity.

{ Please substitute the following claim 98 for the pending claim 98: }

**G<sup>2</sup>**  
98. (amended) An isolated protein comprising an amino acid sequence at least 95% identical to the mature amino acid sequence encoded by the cDNA clone contained in ATCC Deposit No. 97733, wherein said protein has lactose binding activity.

{ Please substitute the following claim 106 for the pending claim 106: }

106. (amended) An isolated protein comprising an amino acid sequence selected from the group consisting of:

- G<sup>3</sup>**  
Sub H<sub>1</sub>
- (a) amino acids 62 to 102 in SEQ ID NO:4;
  - (b) amino acids 226 to 259 in SEQ ID NO:4; and
  - (c) amino acids 197 to 308 in SEQ ID NO:4;

wherein said protein has lactose binding activity.

{ Please substitute the following claim 114 for the pending claim 114: }

**G<sup>4</sup>**  
Sub H<sub>2</sub>

114. (twice amended) An isolated protein comprising 30 contiguous amino acids of SEQ ID NO:4, wherein said protein has lactose binding activity.

Please substitute the following claim 121 for the pending claim 121:

121. (twice amended) An isolated protein comprising a fragment of the  
amino acid sequence of SEQ ID NO:4;  
wherein said protein has lactose binding activity.

Please substitute the following claim 133 for the pending claim 133:

Claim 133. (thrice amended) An isolated protein comprising amino acid  
residues encoded by a polynucleotide which hybridizes to the polynucleotide  
complement of the coding region of SEQ ID NO:3 under the following conditions:  
(a) incubating overnight at 42°C in a solution consisting of 50%  
formamide, 5x SSC, 50 mM sodium phosphate (pH 7.6), 5x Denhardt's solution, 10%  
dextran sulfate, and 20 µg/ml denatured, sheared salmon sperm DNA; and  
(b) washing at 65°C in a solution consisting of 0.1x SSC;  
wherein said protein has lactose binding activity.